

MONSANTO

From: Gordon A. Grundmann CS6G Corporate Engineering (4-6112)

Date: July 15, 1985

cc: D.R. Bowers CS6G
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Subj: Project Progress Meetings

Re: CEA 3808 - Main South Trunk Sewer

TO: J.J. Beckerle Alberici
W. Bodine Alberici
T.N. Carrico 1740*
W.C. Koester Alberici*
K.W. Lichtenheld CS6G*
C.J. Lotz Alberici*
R.L. Nelson 1740*
K.W. Petterson 1740*
O.N. Shipley 1740*
R. Schlereth Fleischer Seeger**

*Present at meeting

**Part time

Following are minutes of the meeting held at the CED construction trailers on 07/15/85 at 9:30 a.m.

1. Construction Progress

- a. Manhole 1-DD passed the water test. The coal tar epoxy has been applied to the outside.
- b. The internal surfaces of manholes 1-CC, 1-DD and 1-EE are being prepared for inspection and coating. Epoxy brick mortar is being added to manhole 1-EE.
- c. Lateral L-34 to manhole 1-BB is complete except for replacement of a "Y" which leaked. Lateral L-35 to manhole 1-BB has several joints yet to complete. Both laterals are installed into the manholes.
- d. Both laterals to manhole 1-CC are installed and concrete encased.
- e. A flume has been temporarily installed through manhole 1-CC for handling building BBW sewer waste.
- f. Backfill has been completed over the main 42" VCP line to just west of manhole 1-DD.

WCK 4084690

- g. The 42" base slab has been poured from manhole 1-EE almost to manhole 2-AA.

The base slab from manhole 1-GG to 1-DD (lateral L-43) has been poured.

- h. The trench for lateral L-46 from manhole 1-EE to 1-JJ is being prepared for pouring of the base slab for the 15" VCP.
- i. Manhole 2-AA base poured today.
- j. 42" VCP has been laid in the trench from manhole 1-DD to 1-EE and for approximately 100' past 1-EE.
- k. Started making 42" VCP joints through culvert pipe towards manhole 1-EE.
- l. Fleischer Seeger has started installation of the asphaltic membrane inside manhole 1-AA.
- m. Kelly will remove the track stops that will allow the railroad tracks west of ACL to be reopened.
- n. Lateral L-45 (north of manhole 1-EE) is still in review. Layout drawings have been made by Alberici for Lichtenheld and Nelson to review. The primary concern is to revise the line so that a cleanout bucket can be pulled through the line.

2. Contaminated Soil

- a. Additional tests are in progress on the possible contaminated soil by the old BI building. Results expected in 1 to 2 weeks.
- b. The state permits to allow removal of some of the excavated dirt piles are not due until around August 1.

3. Jumpers

- a. T-1 jumper complete except for the work to be done inside the manholes. Furulac concrete is being considered. Lichtenheld and Nelson.
- b. A list of the required clothing to enter these manholes to be given to Alberici today.

WCK 4084691

- c. The existing pipe from manhole 2-B-1 to box 2-B is leaking. This line needs to be temporarily repaired to allow the use of jumper T-1. A T.V. camera may be sent through the line to locate the leak.
- d. A top is needed for manhole 2-B-2. Shipley.

5. Internal Manhole Membranes

- a. Fleischer-Seeger requested a revised method of putting on the asphaltic membrane. They requested:
 - 1) Heat the material to approximately 290°F instead of 325°F to 400°F. They say that the material runs too much at the higher temperatures.
 - 2) That a 3 part installation procedure be allowed, i.e., the bottom 6' or 7', the top 6' or 7', and finally the bond in between. Lichtenheld and Nelson to review and advise.
- b. Ideally the membrane thickness should be 1/4". Prefer to control to no more than 5/16". 3/8" thickness in some places would be acceptable in some instances, but better control than this is expected most of the time.
- c. Two pieces of cloth are not to be applied. Only one piece of cloth is required.

6. Miscellaneous

- a. Alberici to begin excavation of lateral L-64 if okayed by Nelson. Digging of the main trench east of manhole 2-BB could be resumed if access to the BI warehouse could be opened on the east end. Shipley.
- b. The BI warehouse should be cleaned out by July 19.
- c. Shipley and Nelson to meet with the manufacturing personnel in department 245 on 7/12/85 to discuss the construction activities planned in this area.
- d. Lichtenheld to finalize manhole 2-FF layout the week of 7/15/85.

WGK 4084692

J.J. Beckerle, et al
Page 4
July 15, 1985

- e. Throttling of the dewatering pumps discharge flow needs to be adjusted to minimize the ground water being pumped to the treatment plant, while still maintaining the ground water levels at the proper depth. This control will become more critical in January and May of 1986 when the new regional treatment plant comes on stream due to the increased cost of processing the water. Shipley.

The next progress meeting will be held on Thursday, July 18, at 9:30 a.m. at the construction trailers. All Monsanto project personnel are to meet prior to this meeting at 9:00 a.m.



Gordon A. Grundmann

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WGK 4084693